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(72) Inventors; and

(75) Inventors/Applicants (for US only): FILHO, Ayres [BR/BR]; Echlin do Brasil Industria e Comercio Ltda, Fukuichi Nakata Avenue 381, Diadema, CEP-09950-400 São Polo (BR). RIBEIRO, Eduardo [BR/BR]; Echlin do Brasil Industria e Comercio Ltda, Fukuichi Nakata Avenue 381, Diadema, CEP-09950-400 São Polo (BR). FERRAZ, Edgard [BR/BR]; Echlin do Brasil Industria e Comercio Ltda, Fukuichi Nakata Avenue 381, Diadema, CEP-09950-400 São Polo (BR). REZENDE, Robson [BR/BR]; Echlin do Brasil Industria e Comercio Ltda, Fukuichi Nakata Avenue 381, Diadema, CEP-09950-400 São Polo (BR).

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(74) Agent: FORRESTER KETLEY & Co; Chamberlain House, Paradise Place, Birmingham B3 3HP (GB).

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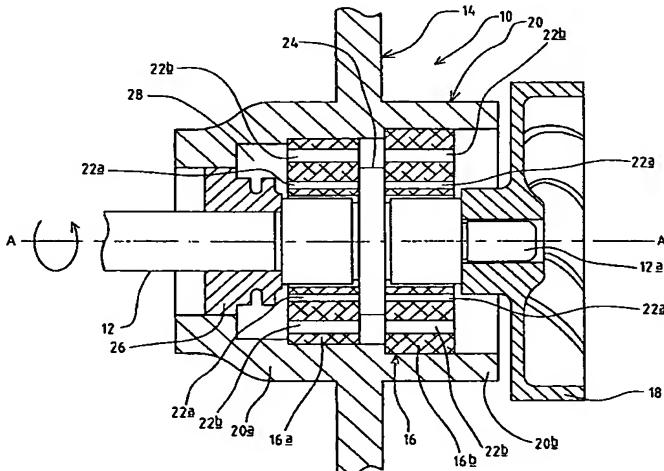
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(71) Applicant (for all designated States except US, UZ): ECHLIN DO BRASIL INDUSTRIA E COMÉRCIO LTDA [BR/BR]; Fukuichi Nakata Avenue 381, Diadema, CEP-09950-400 São Polo (BR).

(71) Applicant (for UZ only): DANA AUTOMOTIVE LIMITED [GB/GB]; 2 Central Park Drive, Rugby, Warwickshire CV23 0WE (GB).

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(54) Title: HYDRODYNAMIC BEARING ARRANGEMENT



(57) Abstract: A hydrodynamic bearing arrangement (10) for a rotatable shaft (12), the arrangement (10) including a housing (14) in which is provided a shaft support (16) with an opening through which the shaft (12) extends, there being a space between the shaft support (16) and the shaft (12), the shaft support (16) including at least one passage (22a, 22b) therethrough which extends generally axially of the shaft (12) from a first side of the shaft support (16) to a chamber (28) provided in the housing (14) at a second side of the shaft support (16) so that liquid at the first side of the shaft support (16) may communicate with the chamber (28) at the second side of the shaft support (16) and thus pass into the space between the shaft (12) and the shaft support (16) from both the first side of the shaft support (16) and from the second side of the shaft support (16) via the passage (22a, 22b) and the chamber (28), the liquid between the shaft (12) and the shaft support (16) maintaining the space between the shaft (12) and shaft support (16) and providing a hydrodynamic bearing for the shaft (12).

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